

## Patent Abstracts of Japan

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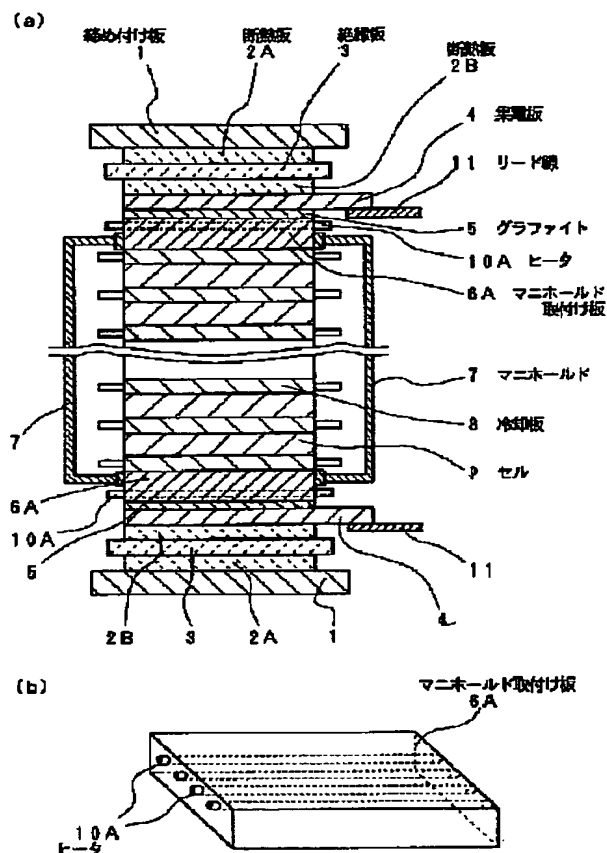
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TITLE : LAMINATION TYPE FUEL CELL



ABSTRACT : PURPOSE: To control a cell temperature by low power consumption at favorable precision at the time of shutdown.

CONSTITUTION: In a lamination type fuel cell, a manifold installation plate 6A for installing a manifold 7, a collector plate 4 to take out generated power, an insulation plate 3, and heat insulation plates 2A, 2B are disposed on each end of a fuel cell lamination body formed of cells 9 laminated with cooling plates 8, which are tightened by tightening plates 1. In this lamination type fuel cell, a heater 10A is embedded in the manifold installation plate 6A adjacent to the fuel cell lamination body in its lamination direction, and it is energized at the time of shutdown for heating and heat-insulating the cells 9 at a specified temperature.

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